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APPLICATION NO). FI	LING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/600,344	C	6/23/2003	Yasuyoshi Itoh	239339US2	7206	•
22850	2850 7590 02/17/2004			EXAMINER		•
•	SPIVAK, N E STREET	MCCLELLAND	TRAN, TAN N			
	DRIA, VA	22314		ART UNIT	PAPER NUMBER	•
				2826	· ·-	

DATE MAILED: 02/17/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)					
	10/600,344	ITOH ET AL.					
Offic Action Summary	Examiner	Art Unit					
	TAN N TRAN	2826					
The MAILING DATE of this communication app Period for Reply	The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply						
A SHORTENED STATUTORY PERIOD FOR REPLY THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply If NO period for reply is specified above, the maximum statutory period of Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	36(a). In no event, however, may a reply be timy within the statutory minimum of thirty (30) days will apply and will expire SIX (6) MONTHS from , cause the application to become ABANDONE	ely filed swill be considered timely. the mailing date of this communication. O (35 U.S.C. § 133).					
Status							
1) Responsive to communication(s) filed on 23 Ju	une 2003.						
	action is non-final.						
,— ···							
Disposition of Claims							
4) ☐ Claim(s) 1-19 is/are pending in the application 4a) Of the above claim(s) is/are withdray 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) 1-19 are subject to restriction and/or example and the specification is objected to by the Examine 10) ☐ The drawing(s) filed on is/are: a) ☐ accomplicant may not request that any objection to the	wn from consideration. election requirement. er. epted or b) objected to by the B						
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.							
Priority under 35 U.S.C. § 119							
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 							
Attachment(s)		(DTO 440)					
 Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date 	4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal P 6) Other:						

Election/Restrictions

1. This application contains claims directed to the following patentably distinct species of

the claimed invention.

I. Claims 1-11, drawn to a semiconductor device having a trench as shown in fig. 1

II. Claims 12-19, drawn to a semiconductor device having a thickness of a portion of

the gate insulating which is interposed between the first and second electric

charge holding portions is smaller than that of each of portions in which the first

and second electric charge holding portions are formed as shown in fig. 41.

2. Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for

prosecution on the merits to which the claims shall be restricted if no generic claim is finally

held to be allowable. Currently, none of claim is generic.

Applicant is advised that a reply to this requirement must include an identification of the species

that is elected consonant with this requirement, and a listing of all claims readable thereon,

including any claims subsequently added. An argument that a claim is allowable or that all

claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of

claims to additional species which are written in dependent form or otherwise include all the

limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after

the election, applicant must indicate which are readable upon the elected species. MPEP §

809.02(a).

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Should applicant traverse on the ground that the species are not patentably distinct,

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applicant should submit evidence or identify such evidence now of record showing the species to

be obvious variants or clearly admit on the record that this is the case. In either instance, if the

examiner finds one of the inventions unpatentable over the prior art, the evidence or admission

may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

3. Applicant is advised that the response to this requirement to be complete must include an

election of the invention to be examined even though the requirement be traversed (37

FR 1.143).

4. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Tan Tran whose telephone number is (703) 305-3362. The

examiner can normally be reached on Monday-Friday 8:30 AM-5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Nathan J. Flynn can be reached on (703) 308-6601. The fax phone numbers for the

organization where this application or proceeding is assigned are (703) 872-9318 for regular

communications and (703) 872-9319 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the receptionist whose telephone number is (703) 308-0956.

Feb 2004

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Minhloan Tran Primary Examiner

coult man

Art Unit 2826